



SAMS Environmental Health Module for Palm™

(Proof of Concept)

The SNAP Automated Medical System (SAMS) desktop application tracks the medical and dental readiness of operational units in the Navy and Marine Corps. The Environmental Health Module of SAMS tracks environmental conditions that affect our Sailors and Marines, including heat stress monitoring, potable water testing, and pest control activities.

This module has now been adapted for the Palm device, extending SAMS's capabilities by

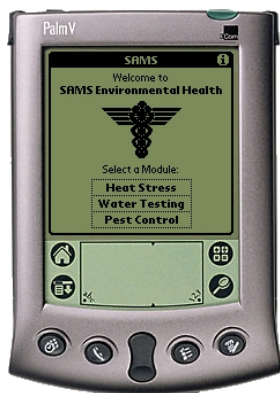
bringing this automated data entry to the deckplate level. With the SAMS Environmental Health Module for Palm, a Hospital Corpsman can record environmental conditions directly into the Palm device. This eliminates the need to write data on paper and then manually enter it into SAMS later.

- It offers field level automation.
- It eliminates paper record keeping.
- It eliminates lost data.
- It eliminates redundant data entry.

1

In the field, a Corpsman can choose one of three areas to record information:

- Heat Stress
- Potable Water Testing
- Pest Control



2

The Corpsman enters his/her initials and the location of the test/survey (or selects a previously entered location) and is ready to begin recording data. The current time and date are automatically filled in, although these can be changed if necessary.

As the Corpsman examines heat stress conditions, tests potable water, or documents pest control activities, the data can be quickly and easily entered on the handheld.

3

When the task is complete, the Corpsman simply places the handheld device on its cradle and initiates the HotSync® feature with the press of a button. All of the data is instantly transferred from the handheld device back to SAMS.



There are many other potential uses for Palm technology in Medical and Dental Department business processes. Here are just some of the possibilities:

- Mass immunizations
- Medical supply management
- Industrial hygiene surveys
- First aid box inventories
- Portable medical locker inventories
- Decontamination box inventories
- Patient triage during mass casualty
- Vital sign data entry
- Recording medical training